

ABSTRACT

The invention comprises a motor driven machine, the machine such as a lathe, drill, router, saw, or shaping tool includes a machine spindle and a switch reluctance motor having a motor spindle. The construction is such that the longitudinal axis of the motor spindle and
5 the longitudinal axis of the machine spindle lie on substantially the same axis. In one form of the invention the machine spindle and motor spindle can be unitary.